


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| Title of Invention | Database System Providing Methodology for Extended Memory Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--|--------------------------|-------------------|-----------|--------------|---|------------|-----------------------|-------------|---|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|-----------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|------------------|------------------------------|--------|------------|------------------|-------------------------|-------|------------|------------------|----------------------|-------|------------|------------------|----------|------|------------|------------------|-------------|-------|------------|------------------|---------------------|-------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|------------|------|------------|
| Submission Type : | Utility Patent Filing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 10/710381 |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EFS ID: | 64076 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Server Response: | <table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>4380</td> </tr> <tr> <td>USPTOEFSNot</td> <td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td> </tr> </tbody> </table> | | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 4380 | USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 4380 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Named Applicant: | Vadiraja Bhatt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attorney Docket Number: | SYB/0102.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timestamp: | 2004-07-06 19:15:49 EDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From: | us | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| File Listing: | <table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-request</td><td>Submission-usrequ.xml</td><td>3683</td><td>2004-07-06</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-07-06</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2004-07-06</td></tr> <tr><td>us-fee-sheet</td><td>Submission-usfees.xml</td><td>1617</td><td>2004-07-06</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2004-07-06</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>SYB0102.01.UnPasat-trans.xml</td><td>144262</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2004-07-06</td></tr> <tr><td>application-body</td><td>isobox.ent</td><td>3568</td><td>2004-07-06</td></tr> </tbody> </table> | | | Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | us-request | Submission-usrequ.xml | 3683 | 2004-07-06 | us-request | us-request.dtd | 19064 | 2004-07-06 | us-request | us-request.xsl | 33300 | 2004-07-06 | us-fee-sheet | Submission-usfees.xml | 1617 | 2004-07-06 | us-fee-sheet | us-fee-sheet.xsl | 24912 | 2004-07-06 | us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-07-06 | application-body | SYB0102.01.UnPasat-trans.xml | 144262 | 2004-07-06 | application-body | us-application-body.xsl | 83497 | 2004-07-06 | application-body | application-body.dtd | 49498 | 2004-07-06 | application-body | wipo.ent | 4956 | 2004-07-06 | application-body | mathml2.dtd | 54588 | 2004-07-06 | application-body | mathml2-qname-1.mod | 13225 | 2004-07-06 | application-body | isoamsa.ent | 5191 | 2004-07-06 | application-body | isoamsb.ent | 3988 | 2004-07-06 | application-body | isoamsc.ent | 1460 | 2004-07-06 | application-body | isoamsn.ent | 5620 | 2004-07-06 | application-body | isoamso.ent | 1934 | 2004-07-06 | application-body | isoamsr.ent | 7073 | 2004-07-06 | application-body | isogr3.ent | 3559 | 2004-07-06 | application-body | isomfrk.ent | 4553 | 2004-07-06 | application-body | isomopf.ent | 2571 | 2004-07-06 | application-body | isomscr.ent | 4628 | 2004-07-06 | application-body | isotech.ent | 5268 | 2004-07-06 | application-body | isobox.ent | 3568 | 2004-07-06 |
| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | Submission-usrequ.xml | 3683 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.dtd | 19064 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.xsl | 33300 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | Submission-usfees.xml | 1617 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.xsl | 24912 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | SYB0102.01.UnPasat-trans.xml | 144262 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | us-application-body.xsl | 83497 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | application-body.dtd | 49498 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | wipo.ent | 4956 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2.dtd | 54588 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2-qname-1.mod | 13225 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsa.ent | 5191 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsb.ent | 3988 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsc.ent | 1460 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsn.ent | 5620 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamso.ent | 1934 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsr.ent | 7073 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isogr3.ent | 3559 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isomfrk.ent | 4553 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isomopf.ent | 2571 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isomscr.ent | 4628 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isotech.ent | 5268 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isobox.ent | 3568 | 2004-07-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|---------------------|--------------|--------------------------|
| application-body | isocyr1.ent | 5345 | 2004-07-06 |
| application-body | isocyr2.ent | 2504 | 2004-07-06 |
| application-body | isodia.ent | 1508 | 2004-07-06 |
| application-body | isolat1.ent | 5282 | 2004-07-06 |
| application-body | isolat2.ent | 9007 | 2004-07-06 |
| application-body | isonum.ent | 5913 | 2004-07-06 |
| application-body | isopub.ent | 6621 | 2004-07-06 |
| application-body | mmlextra.ent | 7901 | 2004-07-06 |
| application-body | mmialias.ent | 38209 | 2004-07-06 |
| application-body | soextblx.dtd | 12870 | 2004-07-06 |
| application-body | Image01.tif | 12190 | 2004-07-06 |
| application-body | Image02.tif | 11806 | 2004-07-06 |
| application-body | Image03.tif | 12788 | 2004-07-06 |
| application-body | Image04.tif | 4708 | 2004-07-06 |
| application-body | Image05.tif | 8006 | 2004-07-06 |
| application-body | Image06.tif | 6728 | 2004-07-06 |
| application-body | Image07.tif | 8960 | 2004-07-06 |
| application-body | Image08.tif | 19702 | 2004-07-06 |
| application-body | Image09.tif | 9558 | 2004-07-06 |
| application-body | Image10.tif | 18608 | 2004-07-06 |
| application-body | Image11.tif | 10052 | 2004-07-06 |
| application-body | Image12.tif | 10482 | 2004-07-06 |
| application-body | Image13.tif | 4812 | 2004-07-06 |
| application-body | Image14.tif | 7892 | 2004-07-06 |
| application-body | Image15.tif | 5488 | 2004-07-06 |
| us-declaration | SYB0102.01.Dclr.tif | 44906 | 2004-07-06 |
| computer-listing | SourceCode.txt | 20992 | 2004-07-06 |
| package-data | Submission-pkda.xml | 9024 | 2004-07-06 |
| package-data | package-data.dtd | 27025 | 2004-07-06 |
| package-data | us-package-data.xsl | 19263 | 2004-07-06 |
| Total files size | | 861234 | |

Message Digest:

bfa869d74af7f4327be94379c26db31485dd31ef

Digital Certificate Holder
Name:

cn=John Allan
Smart,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US